# **Iowa Crops & Weather**

## Iowa Agricultural Statistics



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## **Spotty Showers, but Much More Needed**

Agricultural Summary: Spotty showers were not enough to turn around crop conditions last week in Iowa. Spraying for aphids in soybeans continued across the state, and some corn was chopped for silage. Pastures have nearly stopped growing, and supplemental feeding of hay to livestock and creep feeding was occurring. Crops have been maturing rapidly due to extremely warm temperatures and dry conditions.

There were 6.8 **days suitable for fieldwork**, compared to 6.8 days last week and 3.1 days last year at this time. **Topsoil moisture** rated 53 percent very short, 39 percent short, 8 percent adequate, and 0 percent surplus across Iowa. **Subsoil moisture** rated 37 percent very short, 41 percent short, 22 percent adequate, and 0 percent surplus.

Field Crops Report: The **corn acreage in or past milk stage** was 94 percent. The **corn acreage in or past dough stage** was 71 percent, behind last year's progress of 81 percent and two days behind the 5-year average of 77 percent dough stage. The **corn acreage in or past dent stage** was 27 percent, behind last year's progress of 43 percent and four days behind the 5-year average of 41 percent dent stage. The **corn acreage in mature stage** was 2 percent, slightly behind last year's progress and the 5-year average of 3 percent. **Corn** condition rated 5 percent very poor, 14 percent poor, 35 percent fair, 39 percent good, and 7 percent excellent. The **soybean acreage setting pods** was 98 percent. The **soybean acreage with leaves turning color** was 6 percent, ahead of last year's progress of 5 percent and two days ahead of the 5-year average of 4 percent leaves turning color. The **soybean acreage dropping leaves** was 2 percent. **Soybean** condition rated 6 percent very poor, 16 percent poor, 35 percent fair, 37 percent good, and 6 percent excellent. The **third cutting of alfalfa hay** was 68 percent complete, ahead of last year's progress of 55 percent complete and seven days ahead of the 5-year average of 50 percent complete. **Hay** condition rated 19 percent very poor, 37 percent poor, 30 percent fair, 12 percent good, and 2 percent excellent.

Livestock, Pasture, and Range Report: Livestock were stressed by the hot and humid conditions last week, and feedlot conditions were dusty. **Pasture and range** condition rated 37 percent very poor,  $37\ percent$  poor,  $20\ percent$  fair,  $6\ percent$  good, and  $0\ percent$  excellent.

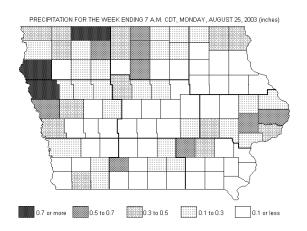
#### **Iowa Weather Summary**

It was a dry and very hot week across Iowa. Temperatures were well above normal statewide on Monday (18th), Tuesday (19th) and Wednesday (20th). Temperatures peaked at 104 degrees at Glenwood on Monday, 100 degrees at Shenandoah on Tuesday and 102 degrees at Fairfield on Wednesday. A cold front brought cooler and drier air to the state on Thursday but not before Lamoni reached 98 degrees. Temperatures on Friday (22nd) actually slipped slightly below normal over the northwest one-half of Iowa with Spencer reporting the week's lowest temperature with a 50-degree minimum on Friday morning. Warmer air returned to southwest Iowa on Saturday (23rd) with Shenandoah reaching 96 degrees. Finally, the heat was back statewide on Sunday (24th) with readings topping out at 101 degrees at Osceola, Glenwood and Boone. Temperatures for the week as a whole averaged from 4.9 degrees above normal at Davenport to 9.7 degrees above normal at Lamoni.

Thunderstorms were scattered across the northwest one-half of Iowa on Monday (18th) with isolated areas of light rain on Tuesday (19th) morning. Wednesday (20th) brought scattered thunderstorms to parts of eastern Iowa with severe weather, mostly in the form of high winds, reported from 16 counties across south central and east central Iowa on Wednesday afternoon and evening. No rain fell in Iowa on Thursday (21st), Friday (22nd) or Saturday (23rd). Thunderstorms just edged into portions of the northernmost row of Iowa counties on Sunday (24th) night into Monday (25th) morning. The greatest rain totals for the week were 1.11 inches at Sioux City Airport, 0.97 inches at Estherville and 0.78 inches at Lake Park and De Witt. There was no rain recorded during the week at numerous locations scattered across the southeast one-half of Iowa. Some locations have recorded no rain at all since August 5 such as Toledo where only 0.05 inches has fallen over the last 4 weeks. The statewide average precipitation for the past week was 0.20 inches which is less than one-fourth of the weekly normal of 0.91 inches. Precipitation so far this month has averaged only 0.71 inches across Iowa. Normal August rainfall is 4.19 inches while the record low August total among 131 years of records is 1.04 inches in 1984.

Statewide Crop Conditions as of August 24, 2003

	•				
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn Hay, all	5 19	14 37	35 30	39 12	7 2
Range & Pasture Soybeans	37	37 16	20 35	6 37	0
Dojocans	0	10	55	5,	U



## Field Work and Crop Progress as of August 24, 2003

Item		Districts								C4-4-	Last	Last	Nor-
		NC	NE	WC	C	EC	SW	SC	SE	State	Week	Year	mal
	Percent	Percent	Percent	Percent									
Corn in or past dough stage Corn in or past dent stage Soybean leaves turning color Hay, alfalfa - third crop harvested	61 18 9 77	65 16 5 62	61 14 9 68	79 29 4 71	81 28 5 69	76 39 5 70	77 45 4 74	68 42 4 61	67 32 8 70	71 27 6 68	45 7 1 51	81 43 5 55	77 41 4 50

## Days Suitable & Soil Moisture Condition as of August 24, 2003

		Day	s Sultable	e & Son W	ioisture C	onamon a	is of Augu	ist 24, 200	3			
Item		Districts										Last
	NW	NC	NE	WC	C	EC	SW	SC	SE	State	Week	Year
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	6.7	6.6	7.0	6.7	6.9	6.6	6.9	7.0	7.0	6.8	6.8	3.1
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	44	43	66	30	53	49	60	75	60	53	39	4
Short	35	43	31	58	39	44	35	25	38	39	41	11
Adequate	21	14	3	12	8	7	5	0	2	8	20	73
Surplus	0	0	0	0	0	0	0	0	0	0	0	12
Subsoil moisture												
Very short	21	25	45	13	23	37	50	85	49	37	25	13
Short	43	39	49	44	48	44	42	14	44	41	42	22
Adequate	36	36	6	43	29	19	8	1	7	22	33	56
Surplus	0	0	0	0	0	0	0	0	0	0	0	9

#### Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, August 24, 2003

			For the	week end	ling: Šunday,	August 24, 2	2003				
			CURI	RENT WE	EK		SINCE API	RIL 1	CURRENT WEEK		
STATION		TEMPE	RATURE		PRECIPITA	ATION	PRECIPITA	TION	GDD BASI	E 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN	
			I		No	rth West Dis					
Estherville Sioux Center	93 96	52 53	74 77	7 8	1.09 0.61	0.25 -0.16	16.48 17.71	-0.01 1.34	171 192	46 51	
Spencer	97	50	78	9 8	0.44	-0.47	15.01	-2.37	194	60	
Spirit Lake	96	55	75	8	0.86	0.02	13.81	-2.59	178	24	
			T			th Central Di					
Britt Humboldt	92 91	56 57	74 74	5 5	0.77 0.08	0.00 -0.76	19.40 22.66	1.29 4.03	168 172	29 31	
Mason City	91	52	75	6	0.32	-0.61	19.04	0.05	174	42	
Northwood	88	54	73	5	0.15	-0.83	18.93	0.55	163	31	
D 1	0.7		70	0		orth East Dist		5.04	100		
Decorah Dubuque	97 93	53 54	78 75	9 7	0.00 0.02	-0.91 -1.08	12.73 14.66	-5.86 -5.03	199 179	60 47	
Elkader	97	52	76	8	0.00	-0.98	20.09	1.49	185	31	
Independence Waterloo	96 98	53 54	76 78	8 9	0.16 0.03	-0.82 -0.74	21.77 17.74	1.86 -1.79	182 198	24 62	
			I.		We	st Central Di	strict	I.			
Audubon	98	57	78	7	0.00	-0.84	15.65	-2.93	199	46	
Carroll Castana	97 97	56 58	78 77	9 6	0.11 0.39	-0.73 -0.45	18.83 16.12	-1.03 -1.25	197 187	56 48	
Guthrie Center	100	57	79		0.20	-0.78	17.64	-1.58	203	57	
Harlan Jefferson	100 97	57 58	78 78	9 8 8	0.00 0.25	-0.82 -0.59	14.69 23.87	-3.57 4.01	199 196	61 55	
Logan	99	60	79 75	9 5	0.25	-0.53	18.77	0.79	207	55	
Rockwell City Sioux City	93 98	57 56	75	5 6	0.12 1.11	-0.73 0.44	21.26 16.49	2.53 1.23	179 194	34 41	
·					(	Central Distri	ict				
Ames	95	56	77	8	0.06	-0.92	19.62	-1.03	191	55	
Boone Des Moines	95 99	60 64	79 82	8 9 8 9 8	0.00 0.00	-0.91 -0.98	23.60 17.88	3.66 -0.64	203 224	61 62	
Eldora	96 96	59	77 77	8	0.11	-0.80	20.23	0.24	192 194	53 60	
Marshalltown Newton	99	56 57	78		0.00 0.00	-1.05 -0.90	17.75 19.79	-2.12 1.04	201	52	
Perry Toledo	99 97	57 56	78 76	10 7	0.01 0.00	-0.90 -1.03	21.73 16.53	2.77 -3.65	201 184	62 47	
Toledo	91	30	70	,		st Central Dis		-3.03	104	47	
Cedar Rapids	97	55	77	7	0.08	-0.83	17.29	-1.34	189	46	
Davenport	94 101	55 55 55	76	7 5 6	0.54	-0.44 -0.79	15.63	-2.88 -6.90	182	28 39	
Iowa Čity Lowden	95	53	79 75	6	0.19 0.78	-0.27	13.71 13.53	-7.12	200 180	36	
Maquoketa Muscatine	95 95	55 56	74 77	5 5	0.28 0.12	-0.76 -0.75	12.96 17.84	-5.64 -1.43	170 189	33 55	
Mascallic	73	95 30 77 5 0.12 -0.75 17.64 -1.45 169 5  South West District									
Clarinda	99	60	79 82	8	0.90	-0.10	18.26	-2.74	205	54	
Glenwood Oakland	104 99	63 59	82 80	10 11	0.00 0.02	-0.91 -0.87	17.00 15.13	-2.17 -3.46	224 210	67 71	
Red Oak	101	62	82	9	0.06	-0.92	16.08	-4.62	226	64	
Sidney	102	64	82	10	0.01	-0.90	13.47	-6.21	226	68	
4.11			00	0		th Central Di		2.24	212	0.1	
Allerton Beaconsfield	99 101	60 63	80 81	9 11	0.11 0.00	-0.86 -0.91	16.22 13.56	-3.34 -5.46	213 221	91 70	
Chariton	100	59	81	10	0.00	-0.92	17.53	-2.34	216	65	
Indianola Leon	99 100	63 61	81 81	11 10	0.00 0.00	-0.90 -1.05	21.29 18.21	2.12 -1.62	220 216	72 63	
		1	1		So	uth East Dist				1	
Bloomfield	100	60	80	8 7	0.00	-1.05	18.52	-1.33	214	56	
Burlington Ottumwa	97 99	58 58	79 80	7 8	0.00 0.03	-0.88 -0.83	15.27 14.06	-3.28 -4.39	203 211	47 51	
				Ü	0.05	3.00	1			U 2 2	

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.